

CRANE CARRIER COMPANY

September 5, 2008

Administrator
National Highway Traffic Safety Administration
400 Seventh Street, S.W.
Washington, D.C. 20590

Attention: VIN Coordinator

Gentlemen:

Enclosed is a copy of Crane Carrier Company's VIN decoding information, A305-120, Revision V. The revision was necessary to further identify Crane Carrier product engine offerings. Tables A, B & C have been revised.

This VIN Standard will be used on our vehicles starting September 2008.

Sincerely,



Richard A. Hugger
Director of Engineering

RAH/ch

Encls. 305-120 Rev V

Character	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1CY																	
A character sequence assigned to CCC by DOT to be used in all "VIN's"																	
See Table "A" Carrier Models																	
See Table "B" Chassis																	
See Table "C" Engine Mfg Model																	
See Table "D" Engine Horsepower																	
See Table "E" Carrier GVW																	
See Table "F" Check Digit																	
See Table "G" Vehicle Model Year																	
"T" for Tulsa, Oklahoma																	
"O"																	
Not required at this time																	
Carrier Serial Number																	

NOTE: If carrier model is Glider Kit, characters 5 thru 8 are "X".

Table "A"

Model (w/Air Brakes, Diesel & Alternate Fueled Engines)	Code
Century III (M)	A
Centurion (COE2/LCF)	B
Low Entry (LE2/LD2/LW2/LT2/ST2/SD2)	C
Drill Rig (DR/WS)	D
Equipment Carrier (Varies)	E
Glider Kit (GK)	K

Table "B"

Drive Configurations	Code
4 x 2	A
4 x 4	B
6 x 4	C
6 x 6	D
8 x 4	E
8 x 6	F
10 x 6	G
Other	H
Glider Kit	X

Note: These drive configurations Include only permanently mounted axle assemblies

Table "C"**Engine Models**

	Code		Code
<u>CATERPILLAR</u>		<u>CUMMINS</u>	
C-7	B	ISB	J
C-9	F	ISC	K
C-11	H	ISL	L
C-13	V	ISM	M
C-15	C	ISX	P
		ISL G	Z
		QSL	S
		QSC	T
		QSX	Q
		B Gas Plus	N
<u>DETROIT DIESEL</u>			
Series 60	W		
Series 2000	Y		
Glider Kit	X		

Table "D"

Engine Horsepower	Code
100 to 149	1
150 to 199	2
200 to 249	3
250 to 324	4
325 to 399	5
400 to 524	6
525 to 599	7
600 to 699	8
700 to 1000	9
Glider Kit	X

Table "E"

Carrier GVW	Code
Not greater than 3000 lbs.	A
3001 - 4000 lbs.	B
4001 - 5000 lbs.	C
5001 - 6000 lbs.	D
6001 - 7000 lbs.	E
7001 - 8000 lbs.	F
8001 - 9000 lbs.	G
9001 - 10,000 lbs.	H
10,001 - 14,000 lbs.	3
14,001 - 16,000 lbs.	4
16,001 - 19,500 lbs.	5
19,501 - 26,000 lbs.	6
26,001 - 33,000 lbs.	7
33,001 lbs. and over	8
Glider Kit	X

Table "F"

S5.2 The check digit is determined by carrying out the mathematical computation specified in S5.2.1 - S5.2.4.

S5.2.1 Assign to each number in the vehicle identification number its actual mathematical value and assign to each letter the value specified for it in Table IV.

Table IV

A = 1	J = 1	T = 3
B = 2	K = 2	U = 4
C = 3	L = 3	V = 5
D = 4	M = 4	W = 6
E = 5	N = 5	X = 7
F = 6	P = 7	Y = 8
G = 7	R = 9	Z = 9
H = 8	S = 2	

S5.2.2 Multiply the assigned value for each character in the vehicle for each character in the vehicle identification number by the weight factor specified for it in Table V. Multiply the check digit by 0.

Table V**Character and Weight Factor**

1st	8
2nd	7
3rd	6
4th	5
5th	4
6th	3
7th	2
8th	10
9th (Check Digit)	0
10th	9
11th	8
12th	7
13th	6
14th	5
15th	4
16th	3
17th	2

S5.2.2 Add the resulting products and divide the total by 11.

S5.2.4 The remainder is the check digit. If the remainder is 10, the check digit is X.

Example:

Vehicle Identification Number Character	1	G	4	A	H	5	9	H	4	5	G	1	1	8	3	4	1
Assigned Value	1	7	4	1	8	5	9	8	4	5	7	1	1	8	3	4	1
Multiply by Weight Factor	8	7	6	5	4	3	2	10	0	9	8	7	6	5	4	3	2
Add Products	8+49 +24 +5 + 32+15 +18+ 80 +0 45 +56 + 7 + 6 +40 +12 +12 + 2 = 411																
Divide by 11	411/11 = 37 4/11																
Check Digit	4 (compare to character in 9th position)																

ORIGINAL RELEASE 07/03/1980 CRM
 REVISION A 49252 11/19/1981 CRM
 REVISION B 53767 07/08/1986 KLL
 REVISION C 55244 08/24/1988 KLL
 REVISION D 56197 08/14/1989 KLL
 REVISION E 56331 09/20/1989 KLL
 REVISION F 57792 09/24/1990 KLL
 REVISION G 59481 02/28/1992 KLL
 REVISION H 64590 12/01/1992 KLL
 REVISION I 65842 08/17/1993 KLL
 REVISION J 72567 08/30/1996 KLL
 REVISION K 80755 08/23/2000 KLL
 REVISION L 81243 01/09/2001 KLL
 REVISION M 82161 09/13/2001 KLL
 REVISION N 83110 07/16/2002 NTK
 REVISION P 83662 01/06/2003 NTK
 REVISION Q 84925 03/05/2004 NTK
 REVISION R 85542 08/16/2004 NTK
 REVISION S 87252 08/19/2005 NTK
 REVISION T 89900 04/24/2007 NTK
 REVISION U 90277 07/30/2007 NTK
 REVISION V 92074 09/05/2008 RAH